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BOROUGH OF NUNEATON



ANNUAL REPORT
OF THE
MEDICAL OFFICER OF HEALTH
For the Year
1959





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BOROUGH OF NUNEATON

ANNUAL REPORT

of the

Medical Officer of Health

FOR THE YEAR

1959

MEMBERS OF THE HEALTH AND HOUSING COMMITTEE

(as on 31st December, 1959)

The Worshipful The Mayor (Councillor M. R. Moreton, J.P.)

The Deputy Mayor (Councillor E. Waite)

Chairman (Councillor F. B. J. Warr)

Deputy Chairman (Councillor H. Rowston)

Members

Alderman H. J. Deeming

„ P. Woodward

Councillor T. Currin

„ L. Ford

„ T. W. Johnson

„ F. T. Moore

„ R. A. Moore

„ G. W. Pluck

„ G. C. Thomas

„ L. Whetstone

„ R. Wilkinson

„ S. Williams

STAFF OF HEALTH DEPARTMENT

(as on 31st December, 1959)

Medical Officer of Health	{ G. Dison, M.C., L.R.C.P., L.R.C.S., L.R.F.P. and S., D.(Obst.) R.C.O.G. D.P.H
Deputy Medical Officer of Health	{ E. M. Hughes, M.B., Ch.B., (Liverp.), D.P.H.
Chief Public Health Inspector	{ K. P. Llewellyn, Cert.R.S.I., Cert. Meat Inspector.
Additional Public Health Inspectors and Meat Inspectors	{ E. C. Herold, Cert.R.S.I., Cert. Meat Inspector. (Resigned 31-3-59) A. J. Collett, Cert.R.S.I., Cert. Meat Inspector. A. W. Moore, Cert.R.S.I., Cert. Meat Inspector. R. Walker, Cert.R.S.I., Cert. Meat Inspector. P. J. Wightman, Cert.R.S.I., Cert. Meat Inspector. (Commenced 1-7-59)
Pupil Public Health Inspectors	{ M. Jones, J. M. Barnes.
Rodent Control Operatives	{ P. B. Jackson, C. Oakey.
Clerical Staff	{ G. F. Baume (Chief Clerk) Mrs. B. Glass.

BOROUGH OF NUNEATON

Health Department,
Council House,
Nuneaton.

To the Mayor, Aldermen and Councillors

Mr. Mayor, Aldermen, Ladies and Gentlemen,

I have pleasure in presenting to you the Annual Report on the health of Nuneaton for the year 1959.

Mr. E. C. Herold, Deputy Chief Public Health Inspector, resigned his appointment on March 31, 1959 and Mr. P. J. Wightman was appointed to fill the vacancy and took up his duties on July 1, 1959. Other than this there were no staff changes in the Health Department.

VITAL STATISTICS

(a) *Population*

The estimated mid-year population for the year was 57,090, an increase of 650. The natural increase of the population i.e. the excess of births over deaths was 343 and it would appear, therefore, as if the Borough attracted 307 residents from other districts.

(b) *Death Rate*

During the year there were 573 deaths as compared with 522 in the previous year. The crude death rate was 10.04, an increase of .74. The corrected death rate was, however, 12.75 as compared with 11.74 the previous year, an increase of 1.01.

This, however, compares unfavourably with that of 11.6 for England and Wales.

One hundred and twenty-one of the deaths were due to malignant diseases, an increase of 35 over the figures for 1958 and 26 more than in 1957. Last year I reported that there had been a welcome decrease in deaths due to Carcinoma of the lung and bronchus but this year there has been a substantial increase from 14 in 1958 to 25 in 1959. Of these, all but two were in males. I would be failing in my duty if I did not point out once more that there is a mass of evidence to support the theory that lung cancer is more common in heavy smokers than in non-smokers. Tobacco may not be the only culprit. Certainly it is difficult to influence adults to change their habits but it is the duty of all who have the interest of the public, and particularly the youth, at heart to discourage anyone from falling victim to the "wiles of the weed." Atmospheric pollution may also be a *contributory* cause in this increase and it is particularly pleasing that the Council is active locally and through membership of the Warwickshire Clean Air Council in the fight for clean air.

There was a slight decrease in deaths due to Bronchitis—36 to 33—but deaths due to Pneumonia remained at 29. Deaths due to Vascular Diseases of the Nervous System fell from 82 to 68 but deaths due to Coronary Disease and Angina rose by four to 86.

There was an influenza epidemic during the year and seven deaths were attributed to this disease.

(c) *Birth Rate*

There were 916 live births in the year giving a live birth rate of 15.56 and there were 18 still births giving a total of 934 births as compared with 927 in 1958, when there were also 18 still births. The crude birth rate was 16.04 and when corrected by the comparability factor gave a corrected rate of 15.56 as compared with 15.65 last year. Of the total of 934 births there were 486 males and 448 females giving a sex ratio at birth of 1,100 males per 1,000 females.

(d) *Infant Mortality Rate*

The infant mortality rate came down from 31.8 to 25.1, a reduction of 6.7 but it is still higher than that of the county which stands at 19.45. It is interesting to note that the infant mortality rate of legitimate babies is 24.8 whereas that of illegitimate ones is 33.3. Of the 23 infant deaths 18 took place within the first four weeks of life and of these 16 occurred in the first week thus giving a neonatal mortality rate (deaths in first four weeks) of 19.65 and an early neonatal mortality rate (deaths in first week) of 17.46. Prematurity is still the biggest single cause of deaths of infants. The perinatal mortality rate dropped from 41.97 to 36.4.

INFECTIOUS DISEASES

1959 was a measles year, 902 cases having been notified. Of these 446 occurred in the age group 5-9 and only two in age group 15 plus. This shows clearly that measles is a disease of the young child. The cases notified in 1959 did not reach the same high level as in the year 1957 and 1955 when there were 1,086 and 1,183 respectively.

There was an increase of 13 in the number of notifications of Pulmonary Tuberculosis from 23 to 36. This increase is to be deprecated but is probably accounted for by the mass miniature radiography campaign held in the Borough that year. It will be interesting to see what the picture is next year.

Acute pneumonia notifications rose from 40 to 53.

There were once again no cases of Poliomyelitis notified but this should not give rise to complacency. Every effort must be made to increase the number of persons fully immunised in the community.

The Dysentery picture was much the same as in 1958 and there were only three cases of food poisoning notified.

CONCLUSION

Apart from the measles epidemic there were no outstanding features as regards the health of the residents of Nuneaton.

I would like to express my thanks to the Chairman and members of the Health Committee for the help in all matters pertaining to the work of the department. Thanks are also due to the rest of the members of the council and to the officers in other departments who so willingly assisted in the work. Special thanks are due to Mr. Llewellyn, the Chief Public Health Inspector and to Mr. Baume, the Chief Clerk. Without their help little could have been accomplished. To all my medical colleagues in hospitals and in general practice, my thanks are also due.

Yours faithfully,

G. DISON.

Medical Officer of Health.

Table I
VITAL STATISTICS AND SOCIAL CONDITIONS

Area of District	...	...	...	...	...	...	...	11,767 acres
Population (Registrar General's Estimate) mid 1959	...	...	...	...	...	...	...	57,090
Rateable Value	...	...	...	...	...	...	...	£661,650
General Rate Levied	...	...	...	...	...	...	...	21/6d.
Product of Penny Rate	...	...	...	...	...	...	...	£2,646

EXTRACTS FROM VITAL STATISTICS FOR 1959

Population (estimated) mid year 1959	...	...	...	...	...	...	...	57,090
Birth Rate (crude) per 1,000 population	...	...	...	...	...	...	...	16.04
Birth Rate (corrected) per 1,000 population	...	...	...	...	...	...	...	15.56
Death Rate (crude) per 1,000 population	...	...	...	...	...	...	...	10.04
Death Rate (corrected)	...	...	...	...	...	...	...	12.75
Live Births	...	...	...	...	...	...	...	916
Live Birth rate per 1,000 population	...	...	...	...	...	...	...	15.56
Still-births	...	...	...	...	...	...	...	18
Still-births rate per 1,000 live and still-births	...	...	...	...	...	...	...	19.27
Total live and still-births	...	...	...	...	...	...	...	934
Infant deaths (0—1 year)	...	...	...	...	...	...	...	23
Infant mortality rate per 1,000 live births—total	...	...	...	...	...	...	...	25.11
Infant mortality rate per 1,000 live births—legitimate	...	...	...	...	...	...	...	24.83
Infant mortality rate per 1,000 live births—Illegitimate	...	...	...	...	...	...	...	33.33
Neo-natal mortality rate per 1,000 live births (first four weeks)	...	...	...	...	...	...	...	19.65
Early neo-natal mortality rate (deaths under one week) per 1,000 total live births	...	...	...	...	...	...	...	17.46
Illegitimate live births per cent. of total live births	...	...	...	...	...	...	...	32.75
Maternal deaths (including abortion)	...	...	...	...	...	...	...	1
Maternal mortality rate per 1,000 live and still-births	...	...	...	...	...	...	...	1.07
Peri-natal mortality rate (still-births and infant deaths under one week) per 1,000 total births	...	...	...	...	...	...	...	36.4
Sex ratio at birth	...	...	...	...	...	...	...	1,100 males per 1,000 females

Table II
VITAL STATISTICS, 1901-1959 (Crude Rates per 1,000 population)

Ten year Average	Popula- tion	No. of Deaths	No. of Births	No. of Infant Deaths	Death Rate	Birth Rate	Infant Mortality Rate
1901 - 10	30,822	382	1,034	129	12.5	33.6	126
1911 - 20	38,697	472	1,076	109	12.2	26.8	100
1921 - 30	44,152	444	939	63	9.9	20.9	66.9
1931 - 40	47,971	497	807	48	10.3	16.8	59.4
1941 - 50	51,262	540	1,063	48	10.6	20.7	44.7
Yearly							
1951	54,120	611	917	22	11.2	16.9	23.9
1952	54,340	541	857	37	9.9	15.7	43.1
1953	54,970	526	943	22	9.6	17.2	23.3
1954	55,650	482	879	19	8.7	15.8	21.6
1955	55,830	545	890	22	9.8	15.9	24.7
1956	56,060	504	876	21	9.0	15.6	24.0
1957	56,320	553	896	18	9.8	15.9	20.1
1958	56,440	522	911	29	9.3	16.1	31.8
1959	57,090	573	916	23	10.04	16.0	25.1

Table III

BIRTHS AND DEATHS BY SEXES—1959

Live Births	Males	Females	Total
Legitimate	462	424	886
Illegitimate	18	12	30
Total	480	436	916
Stillbirths	—	—	—
Legitimate	6	11	17
Illegitimate	—	1	1
Total	6	12	18
Total (live and still)	486	448	934
Deaths	Males	Females	Total
All ages	332	241	573
Under one year	15	8	23

Table IV

INFANT MORTALITY

ANALYSIS OF INFANT DEATHS, 1959

Causes of Death	1st. week	2nd. wk.	3rd. wk.	4th. wk.	Total und'r 4 wks	1-3 mths	4-6 mths	7-9 mths	10-12 mths	Total under 1 year
Prematurity	7	—	—	—	7	—	—	—	—	7
Respiratory infections	—	—	—	—	—	2	—	—	—	2
Atelectasis	3	—	—	—	3	—	—	—	—	3
Birth Injuries	2	—	—	—	2	—	—	—	—	2
Congenital Malformations	1	—	—	—	1	1	2	—	—	4
Misadventure	—	1	—	—	1	—	—	—	—	1
Other causes	3	—	—	1	4	—	—	—	—	4
Totals	16	1	—	1	18	3	2	—	—	23

Table V
CAUSES OF DEATHS, 1959

Causes of Death	Males	Females	Total 1959	Total 1958
All Causes	332	241	573	522
Tuberculosis—Respiratory	4	2	6	10
Tuberculosis—Other Forms	1	1	2	1
Syphilitic Disease	—	—	—	1
Diphtheria	—	—	—	—
Whooping Cough	—	—	—	—
Meningococcal Infections	—	—	—	1
Acute Poliomyelitis	—	—	—	—
Measles	—	—	—	—
Other Infective and Parasitic Diseases	—	1	1	1
Malignant Neoplasm, Stomach ..	9	5	14	16
Malignant Neoplasm, Lung, Bron- chus	23	2	25	14
Malignant Neoplasm, Breast	1	10	11	4
Malignant Neoplasm, Uterus	—	7	7	2
Other Malignant and Lymphatic Neoplasms	35	24	59	47
Leukæmia, Aleukæmia	4	1	5	3
Diabetes	1	5	6	5
Vascular Lesions of Nervous System	32	36	68	82
Coronary Disease, Angina	59	27	86	82
Hypertension with Heart Disease	8	8	16	15
Other Heart Disease	20	32	52	46
Other Circulatory Disease	14	6	20	21
Influenza	2	5	7	—
Pneumonia	19	10	29	29
Bronchitis	24	9	33	36
Other Diseases of Respiratory System	14	2	16	10
Ulcer of Stomach and Duodenum	4	2	6	6
Gastritis, Enteritis and Diarrhœa	2	1	3	2
Nephritis and Nephrosis	2	1	3	3
Hyperplasia of Prostate	4	—	4	5
Pregnancy, Childbirth, Abortion ..	—	1	1	2
Congenital Malformations	3	4	7	2
Other Defined and Ill-defined Diseases	25	28	53	47
Motor Vehicle Accidents	6	—	6	4
Suicide	4	2	6	3
Homicide and Operations of War	—	—	—	—
All Other Accidents	12	9	21	22

Table VI
GENERAL CLASSIFICATION OF CAUSES OF DEATH

	Males	Females	Total
Cardiac	64	46	110
Circulatory Diseases	69	63	132
Cancer	68	48	116
Tuberculosis	5	3	8
Respiratory Diseases	59	26	85
Other Causes	67	55	122

Table VII
AGE ANALYSIS OF DEATHS, 1959

Under 1 year	...	...	...	23
1—2 years	...	...	...	2
3—4 years	...	...	...	1
5—9 years	...	...	...	6
10—14 years	...	...	...	1
15—24 years	...	...	...	5
25—44 years	...	...	...	31
45—64 years	...	...	...	147
65 years and over	...	...	...	357
Total	...	...	...	573

Table VIII
NOTIFICATION OF INFECTIOUS AND OTHER NOTIFIABLE DISEASES
(Totals after any cancellations)

Disease	Age at Notification										Totals
	Under 1 yr	1—2 yrs	3—4 yrs	5—9 yrs	10—14 yrs	15—24 yrs	25—44 yrs	45—64 yrs	65 yrs and over	Age unknown	
Scarlet Fever	—	1	2	9	1	—	—	—	—	—	13
Whooping Cough	—	1	1	1	—	—	—	—	—	—	3
Measles	26	166	242	446	13	1	1	—	—	7	902
Dysentery	2	4	7	3	4	7	10	1	4	2	44
Meningococcal Infection	1	1	—	—	—	—	—	—	—	—	2
Acute Pneumonia	3	3	4	5	—	2	8	15	12	1	53
Erysipelas	—	—	—	—	—	—	—	4	—	—	4
Food Poisoning	—	—	—	—	—	1	—	2	—	—	3
Tuberculosis	—	—	—	—	—	—	—	—	—	—	—
Pulmonary	—	—	1	1	1	7	17	6	3	—	36
Non-Pulmonary	—	—	—	—	—	—	3	1	—	—	4

Table IX
NOTIFICATION OF THE COMMONER INFECTIOUS DISEASES DURING THE FIVE YEARS 1955-1959

	1955	1956	1957	1958	1959
Scarlet Fever	62	55	38	58	13
Measles	1,183	—	1,086	11	902
Whooping Cough	69	7	39	26	3
Poliomyelitis:					
Paralytic	4	1	23	—	—
Non-Paralytic	5	2	11	—	—

Table X

TUBERCULOSIS

FIRST NOTIFICATIONS AND DEATHS FROM TUBERCULOSIS
ANALYSED IN AGE GROUPS

Age Group	New Notified Cases				Deaths			
	Pulmonary		Non Pulmonary		Pulmonary		Non Pulmonary	
	M.	F.	M.	F.	M.	F.	M.	F.
Under 1 year	—	—	—	—	—	—	—	—
1- 4 years	1	—	—	—	—	—	—	—
5-14 „	1	1	—	—	—	—	—	—
15-24 „	1	6	—	—	—	—	—	—
25-44 „	7	10	1	1	—	1	1	—
45-54 „	3	—	—	—	2	1	—	1
55-64 „	12	—	—	2	2	—	—	—
65 years & over .	2	2	—	—	—	—	—	—
Totals	27	19	1	3	4	2	1	1

Table XI

STAGE OF DISEASE AT TIME OF NOTIFICATION

Once again, through the helpful co-operation of the Chest physicians and General Practitioners, I am able to show the classification of the stage of disease at diagnosis for all but three of the 36 cases of pulmonary tuberculosis notified. The results were as follows.

					No positive sputum	Positive sputum
Stage 1	(Early)	...	...	...	18	5
Stage 2	(Intermediate)	...	...	...	2	7
Stage 3	(Late)	...	...	...	—	1

Table XII
ADDITIONS AND REMOVALS FROM THE TUBERCULOSIS
REGISTER DURING 1959

	Pulmonary		Non-Pulmonary		Total	
	M	F	M	F	M	F
Cases on register at 1st January, 1959	189	166	24	35	213	201
Cases notified during the year	17	19	1	3	18	22
Cases which came to notice, e.g., removals, etc.	7	4	—	—	7	4
Cases removed from the register, e.g., cured, deaths, removals, etc.	39	33	3	8	42	41
Cases remaining on the register at the 31st December, 1959	174	156	22	30	196	186

Table XIII
STATE OF THE TUBERCULOSIS REGISTER DURING THE
YEARS 1948-1959

Year	New Cases Notified		Deaths		Cases Remaining on Register on 31st December	
	Pul-monary	Non-Pul-monary	Pul-monary	Non-Pul-monary	Pul-monary	Non-Pul-monary
1948	108	15	20	2	360	84
1949	96	10	28	6	416	79
1950	60	14	23	7	436	84
1951	69	8	12	3	470	87
1952	91	12	8	3	494	79
1953	71	8	15	1	517	75
1954	67	8	8	1	495	60
1955	58	9	9	2	487	63
1956	42	6	4	—	452	60
1957	25	8	—	—	405	60
1958	23	4	10	1	355	59
1959	36	4	6	2	330	52

CHIEF PUBLIC HEALTH INSPECTOR'S REPORT

NUMBER AND NATURE OF VISITS AND INSPECTIONS MADE DURING THE YEAR

Public Health

Dwelling-houses (number of nuisances inspected) ...	771
Dwelling-houses (re-inspections)	1,076
Dwelling-houses (inspections re water supply)	320
Inspections:	
Movable Dwellings	61
Smoke Control	117
Drains tested or inspected	289
Visits to cases of infectious disease	234
Disinfections (infectious disease)	6
Disinfestations (vermin)	41
Number of Miscellaneous Visits (P.H. Acts)	274

Housing

Dwelling-houses inspected for possible action under the Housing Act, 1957	255
Dwelling-houses (re-inspections)	418
Inspections under the Rent Act, 1957	215
Inspections—Standard Improvement Grants	96
Inspections—Discretionary Improvement Grants	1
Survey visits	55

Food and Drugs

Number of days at Abattoir (Meat inspection)	322
Inspections:	
Butchers Vans	6
Butchers Shops	57
Bakehouses	10
Licensed Premises	4
Other Food Premises	277
Milk Vans	2
Dairies	17
Ice Cream Premises	7
Cafe	9
Food Stalls	60
Private Pigs inspected	2
Visits to premises for food inspection	126
Visits to premises for food sampling	257

Miscellaneous

Inspections under the Shops Act, 1950	152
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NUMBER OF NOTICES SERVED

Public Health Act, 1936

Informal	232
Statutory	54
Proceedings for the Abatement of a Nuisance	1

RESULT OF SERVICE OF NOTICE

General Repairs

Roofs repaired and made weatherproof	58
Spoutings repaired or renewed	59
Windows repaired or renewed	60
Staircases repaired or renewed	3
Floors repaired or renewed	30
Doors repaired or renewed	23
Walls and ceilings replastered	105
Cooking facilities provided or improved	8
Fireplaces repaired or replaced	18
Walls re-pointed	40
New sinks provided	9
Sink waste pipes and gullies repaired or renewed	15
Washing coppers repaired or renewed	5
Chimneys repaired	10
Walls rebuilt	1

Drainage

Drains cleared from obstruction	249
New drains provided	13
Defective drains repaired or relaid	9
Drainage inspection chambers provided or renewed ...	9
Yard pavements repaired	9
Drain vent pipes repaired	1

Sanitary Accommodation

W.C. cisterns repaired or renewed	30
New W.C. pedestals provided	28
W.C. buildings re-built or repaired	20
W.C.s repaired	6
W.C. accommodation provided	1

Domestic Refuse

New dustbins provided (a) by the Council	179
(b) by the Owner or Occupier	11

Water Supply

Domestic water services renewed	46
Domestic water services repaired	11
Domestic water fittings repaired or renewed	4
Number of Informal Notices served	23

HOUSING

Houses in Clearance Areas and Unfit Houses elsewhere

A. Houses Demolished

	Houses Demolished	Displaced Persons	During Year Families
In Clearance Areas:-			
(1) Houses unfit for human habitation	28	127	41
(2) Houses included by reason of bad arrangement, etc.	1	—	—
(3) Houses on land acquired under Section 43(2) Housing Act, 1957	—	2	1

Not in Clearance Areas

(4) As a result of formal or informal procedure under Section 17(1) Housing Act, 1957	14	73	27
(5) Local Authority owned houses certified unfit by the Chief Public Health Inspector	9	14	8
(6) Houses unfit for human habitation where action has been taken under local Acts	—	—	—
(7) Unfit houses included in Unfitness Orders	—	—	—

B. Unfit Houses Closed

(8) Under Sections 16(4), 17(1) and 35(1) Housing Act, 1957	11	12	4
(9) Under Sections 17(3) and 26, Housing Act, 1957	—	—	—
(10) Parts of buildings closed under Section 18, Housing Act, 1957	—	—	—

C. Unfit Houses made Fit and Houses in which defects were remedied

	By Owner	By Local Authority
(11) After informal action by local authority	112	—
(12) After formal notice under		
(a) Public Health Acts	22	3
(b) Sections 9 and 16, Housing Act, 1957	—	—
(13) Under Section 24, Housing Act, 1957	—	—

D. Unfit Houses in temporary use (Housing Act, 1957)

Position at End of Year

	No. of Houses	No. of Separate Dwellings Cont. in col. (1) (2)
(14) Retained for temporary accommodation		
(a) under Section 48 ...	—	—
(b) under Section 17(2) ...	—	—
(c) under Section 46 ...	—	—
(15) Licensed for temporary occupation under Sections 34 or 53	—	—

E. Purchase of Houses by Agreement

(16) Houses in Clearance Areas other than those included in confirmed Clearance Orders or Compulsory Purchase Orders, purchased in the year	6	12
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RENT ACT

Statistics

Number of visits made in connection with the Rent Act	215
Number of applications received for Certificate of Disrepair	41
Total number of Undertakings received from Landlords (Form K)	29
Number of Landlords' Undertakings (Form K) refused as incomplete	0
Certificates of Disrepair issued	41
Number of applications received for Cancellation of Certificate of Disrepair (all pending decision) ...	15

WATER SUPPLY (Sources of Supply, consumption, etc.)

Source

The main sources of supply of water to the district are as follows:

- (1) A bulk supply from the City of Leicester Water Undertaking, pumped from the Desford Pumping Station, and providing approx. 1,592,876 gallons per day.
- (2) A bulk supply from the City of Birmingham Water Undertaking, pumped from the Whitacre Works, and providing approx. 1,503,419 gallons per day.
- (3) The Deep Well at the Whittleford Works, providing approx. 438,652 gallons per day, a Bore Hole in Newtown Road and a Well at the White Stone, Lutterworth Road.
- (4) White Stone Well providing 2,668 gallons per day.
- (5) Newtown Road Bore Hole providing 1,024 gallons per day.

There are now approximately 119.8 miles of mains supplying water to the district. The extensions to mains during the year totalled 420 yards 3 in. pipes, 890 yards 4 in. pipes, 1,380 yards 6 in. pipes, 1,290 yards 9 in. pipes, details of such being as follows:

St. Nicolas Park Estate (1st stage)	1,380 yards 6 in. pipes
	400 „ 4 in. „
Griff Lane	1,290 „ 9 in. „
Church Lane, Housing site	170 „ 4 in. „
	160 „ 3 in. „
Stonewell Crescent	320 „ 4 in. „
	260 „ 3 in. „

Consumption

Average daily consumption (Total)	2,266,920 gallons
Average daily consumption (Domestic) ...	1,701,844 „
Average daily consumption (Municipal and Trade purposes)	565,076 „
Average daily consumption per head (Domestic)	28 „
Average daily consumption per head (Municipal and Trade Purposes)	9 „

Sampling

Regular sampling from each source of supply has been carried out as follows:

Place of Sampling	No. of samples taken		Chemical		Bacteriological	
	Chemical	Bacteriological	Satisfactory	Unsatisfactory	Satisfactory	Unsatisfactory
Birmingham Supply:						
Oldbury Reservoir	5	67	5	—	62	5
Monwode Lea	1	23	1	—	23	—
Whittleford Pumping Station	2	27	2	—	26	1
Tuttle Hill Reservoir	—	20	—	—	19	1
Miscellaneous	9	156	9	—	117	39
Totals	17	293	17	—	247	46

SWIMMING BATHS

The Public Swimming Baths at St. Mary's Road were open to the public from May 2nd. During this period the number of persons using the baths was as follows:

Individuals	130,686
School children in organised parties	21,610
<hr/>	
Total	152,296

Thirty-nine Bacteriological samples and thirty-four Chemical samples of the water were taken at regular intervals during the season, of these, three of bacteriological were found to be unsatisfactory, and the necessary action was taken. In addition, daily testing for chlorine content was carried out.

Sewerage Extensions during the year have been as follows:

Whittleford Pumping Station	Foul Sewer	215 yards
Church St. — Leicester Rd.		
Bye-pass	Storm Water Sewer	133 „
Church Lane Housing Site ...	Storm Water Sewer	248 „
Church Lane Improvement Scheme	Storm Water Sewer	85 „
Wimpey's Estate	Foul Sewer	1,113 „
Wimpey's Estate	Storm Water Sewer	1,517 „
Stonewell Crescent	Storm Water Sewer	450 „
Stonewell Crescent	Foul Sewer	333 „
Whitestone Road	Storm Water Sewer	150 „

RODENT CONTROL

The following is a tabulated statement of rodent control work carried out during the year:

	Type of Property				
	(1) Local Authority	(2) Dwelling houses inc. Council Houses	(3) Business and other premises	(4) Total of Columns 1, 2, 3	(5) Agri- cult- ural
Number of properties in the Borough	39	16,466	2,356	18,861	65
Number of properties inspected as a result of:					
(a) notification	5	72	4	81	—
(b) Survey under the Act	1	33	8	42	1
(c) otherwise	—	2	—	2	—
Number of properties inspected which were found to be infested by:					
(a) Rats—Major	1	13	4	18	1
Minor	1	54	5	60	—
(b) Mice—Major	—	6	2	8	—
Minor		5	3	8	—
Number of infested properties treated by the Local Authority	2	82	14	98	1
Number of "Block" control schemes carried out	—	—	—	—	—

Sewer Treatment

The treatment of sewers for rat infestations was carried out weekly during the year, a number of manholes being treated each week. Bait base and poison used were Oatmeal and Warfarin. A total of 801 manholes were treated during the year.

ATMOSPHERIC POLLUTION, 1959

Deposit Gauge

Estimated Average Monthly Deposits (figures are in Tons per square mile)			
	Soluble	Insoluble	Total
No. 1. (Council House)	4.33	8.08	12.41
No. 2. (Manor Park School)	4.39	8.06	12.45
No. 3. (Tuttle Hill School)	4.58	6.69	11.27

Lead Peroxide Candle

Estimated average daily weight of sulphur trioxide collected per 100 sq. cms.	
No. 1. Council House	2.18
No. 2. Gipsy Lane	1.46
No. 3. Sterling Metals Sports Ground	1.13
No. 4. Marston Jabbett	1.17
No. 5. Abbotsford Road ...	1.50
No. 6. Quarry Farm	1.40
No. 7. Robinsons End	0.92

Daily Smoke and SO₂ Apparatus

Daily Average Smoke (mgs. per 100 cu. mt.) SO ₂ (parts per 100 million)		
No. 1. Council House	11.18	5.3
No. 2. Higham Lane School	8.3	4.1
No. 3. Red Deeps School ...	5.6	2.3

The pattern of atmospheric pollution in the town as shewn by the Deposit Gauges and the Lead Peroxide Candle at the Council House indicates no significant change.

1959 is the first complete year that the additional instrumentation installed under the auspices of the Warwickshire Clean Air Council have been in operation. They are supplying very useful data which will become increasingly important as the Smoke Control Area plan develops.

The daily average smoke concentration at the Council House is substantially less than the previous year, the reason for this is probably due to the method of smoke stain assessment which was changed midway through 1958. There has however, been a ten per cent. reduction in the daily average of SO₂ concentrations, and I think that it is logical to assume that the smoke concentration level has been reduced probably by about the same proportions.

During the course of the year, close liaison has been maintained with all the industrialists in the town, both large and small. A high degree of co-operation has been achieved, and it has become obvious that managements now realise that the efficient utilisation of fuel is complementary to Clean Air. Several steam raising plants have been converted from hand firing to automatic stoker firing during the year. The provisions in the Clean Air Act, 1956, for prior approval of plant and equipment have been working satisfactorily.

Food and Drugs

Number of food premises, by type, in the area:

Shops

Grocery and General	224
Confectionery	40
Butchers	46
Greengrocery	21
Fruit	11
Fried Fish	22
Fish	5
Departmental Stores	3
Hotels	5
Clubs	35
Public Houses	65
Restaurants	16
Factory and Shops, Canteens, etc.	21
School Meals Service	
Central Kitchens	2
School Kitchens	20
Hospital Kitchens	3
Food Manufacturing Premises, etc.	
Bakehouses	16
Beer Bottlers	2
Mineral Water and Fruit Drinks	3
Municipal Abattoir	1
Potato Crisps	1
Miscellaneous (including market stalls, mobile vans, kiosks, etc.)	55
Total	617

Food and Drugs Sampling

One hundred and eighty-one samples of Food and Drugs were obtained for inspection and analysis, these are as follows:

Assorted Cheese pack	1
Beans (tinned)	1
Butter	2
Cake Covering	1
Candied Chestnut Spread	1
Cheese Spread	1
Chicken (tinned)	1
Chopped Pork (tinned)	5
Chutney (tomato)	1
Coffee and Chicory	2
Corned Beef (tinned)	5
Cream (tinned)	4
Currants	1
Currant Pudding	1

Custard	1
Dates	1
Dried Milk	1
Fish Paste	1
Fish (tinned)	13
Flour	5
Fruit (dried)	4
Fruit (fresh)	2
Fruit (tinned)	11
Grapefruit (sparkling)	1
Ham and Chicken Paste	1
Horseradish Sauce	1
Ice Cream	7
Irish Stew	1
Jellies	8
Lemon Juice	1
Lemon Squash	1
Luncheon Meat	3
Meat Paste	1
Milk	48
Milk Flavouring	1
Milk (reconstituted)	1
Milk Shake Cordial	3
Mincemeat	2
Orange Crush	2
Pork Pie (prepacked)	1
Prawns (fresh)	2
Pills (Williams pink)	1
Quinine Tonic Water	1
Rice Pudding	2
Salad Cream	1
Salmon Spread	1
Sausages	1
Soft Drink Powder	10
Soups	7
Sparkling Super Jaff	1
Steak and Kidney Pie (prepacked)	1
Stewed Steak	1
Tea	2
Vinegar (malt)	1

Total 181

Of these samples 169 were informal and 12 formal. From the formal samples taken there was one prosecution and this was successful. Suitable letters were written to firms and stores in respect of the foods concerned in five cases, and the goods were withdrawn or replaced. Of the remaining, five referred to milk samples which proved to be genuine, and there was one formal sample taken of butter which was also satisfactory.

Details are given below in respect of individual samples:

Sample No.	Formal or Informal	Food	Result
1966	Formal	Milk	Satisfactory
1967	Formal	Milk	Satisfactory

These two formal samples were taken in early January, 1959, as a result of earlier unsatisfactory informal samples. The two formal samples were proved to be genuine.

1973	Formal	Milk	Deficient 8% fat
1974	Formal	Milk	Deficient 3% fat

These formed part of a bulk sample which was proved genuine as such.

D.1.	Informal	Milk	Genuine but deficient in solids not fat 4.9%
D.8	Informal	Milk	Genuine but deficient in solids not fat 1.17%
D.9.	Informal	Milk	Genuine but deficient in solids not fat 0.42%
D.10.	Informal	Milk	Genuine but deficient in solids not fat 1.52%

These formed part of a bulk sample which was proved genuine as such.

3	Informal	Milk	Deficient solid not fat 1.76%
5	Informal	Milk	Deficient solid not fat 1.64%
6	Informal	Milk	Deficient solid not fat 2.24%
7	Informal	Milk	Deficient solid not fat 2.35%
8	Informal	Milk	Deficient solid not fat 1.41%
9	Informal	Milk	Deficient solid not fat 1.17%
10	Informal	Milk	Deficient solid not fat 1.94%

Samples No. 3—10 were taken again later and all proved genuine.

D.1.	Formal	Butter	Satisfactory
16	Informal	Milk	Not sat. 5.3% def. in fat and 0.7% in solids not fat
19	Informal	Milk	Not sat. 1.88% def. in solids not fat

The above were part of a bulk sample which proved satisfactory as such.

29	Informal	Sparkling Super Jaff
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Sample found to contain paraffin due to misuse of bottle.

52	Informal	Milk Shake Cordial (coconut)	Labelling not sat.
53	Informal	Milk Shake Cordial (blackcurrant)	Labelling not sat. No flavour
54	Informal	Milk Shake Cordial (pineapple)	No flavour

Store withdrew these products and have not since sold them.

88	Informal and Formal	Flour	Both samples revealed to be deficient in creta as required by Flour Composition Regs. 1956. A successful prosecution was taken
93	Informal and Formal	Mixed dried Fruit	The informal sample was not satisfactory, but the formal proved genuine
117	Informal	Chopped Tongue and Pork	Metal contamination found due to stock being aged. Store informed and all stock replaced
121	Informal	Pork Sausages (tinned)	Sample resembled sausage meat. Letter written to firm

FOODSTUFFS CONDEMNED (Including Tinned Meats) 1959

DETAILS	Weight			
	Tons	Cwts.	Qrs.	lbs.
1328 tins Canned Meat	1	1	1	8
Processed Meat		1	1	6
227 tins Fish		2	0	8
545 tins Vegetables		5	1	24
217 tins Evaporated Milk		1	1	11
102 tins Soup			3	6
Cheese			3	6
45 tins Rice			1	14
31 tins Cream				10
30 tins Jam and Syrup			1	10
Dried Fruit			1	1
Raw Vegetables			1	2
15 tins Mayonnaise				15
Ice Cream				2
Macaroni				4
22 tins Custard Powder				12
Juices				11
Butter			2	0
2,416 tins Fruit	1	4	2	26
17 tins Sausage				16
Total	3	0	0	24

Disposal of Condemned Food

All meat condemned at the Municipal Abattoir is transported to adjacent Council premises for manufacture into animal by-products, at a privately-operated processing plant.

All other condemned foods are disposed of by burial at Corporation refuse tips.

MILK SUPPLY

MILK AND DAIRIES REGULATIONS, 1949-1954

Number of dairies registered in the Borough under the regulations	...	...	...	...	...	...	...	...	3
Number of persons registered as distributors within the Borough under the regulations	...	...	...	...	...	...	...	...	27

MILK (SPECIAL DESIGNATION) (RAW MILK) REGULATIONS, 1949

Number of persons licensed to sell Tuberculin Tested Milk within the Borough	16
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MILK (SPECIAL DESIGNATION) PASTEURISED AND STERILISED MILK REGULATIONS, 1949

Number of persons licensed to sell Sterilised Milk	...	...	...	...	...	...	...	...	38
Number of persons licensed to sell Pasteurised Milk	...	...	...	...	...	...	...	...	23
Number of persons licensed to Pasteurise Milk	...	...	...	...	...	...	...	...	1

Sampling

In addition to the sampling of milk for the purpose of the Food and Drugs Act, previously referred to, regular sampling of pasteurised milk produced at the one pasteurising plant in the area was carried out during the year with the following results:

	<i>No. of samples</i>		<i>Satisfactory</i>	<i>Unsatisfactory</i>
Phosphatase Test	...	34	34	0
Methylene Blue	34	34	0

NUMBER OF PREMISES BY TYPE, REGISTERED UNDER SECTION 16 OF THE FOOD AND DRUGS ACT, 1955

Manufacture of Sausages, Potted, Pressed, Pickled and Preserved Food	...	...	...	...	...	...	...	...	23
Manufacture or sale, etc., of Ice Cream	...	...	...	...	...	...	...	...	204

ICE-CREAM

Sampling and testing of ice-cream has been carried out during the year, and the following is a summary of the results:

Methylene Blue Test

No. of samples	Grade 1	Grade 2	Grade 3	Grade 4
48	42	—	1	5

MUNICIPAL ABATTOIR

Carcases Inspected and Condemned, 1959

Details	Cattle excluding cows	Cows	Calves	Sheep & Lambs	Pigs
Number killed	2,006	49	44	7,071	3,345
Number inspected	2,006	49	56	7 071	3,345
Tuberculosis only: Whole carcases condemned	6	—	—	—	5
Carcases of which some part or organ was condemned	171	11	—	—	105
Percentage of the number inspected affected with Tuberculosis	% 8.03	% 22.41	—	—	% 3.12
All diseases except Tuberculosis and Cysticeri. Whole carcases condemned	4	2	2	15	16
Carcases of which some part or organ was condemned	891	30	3	197	301
Percentage of the number affected with disease other than Tubercu- losis and Cysticeri ..	% 44.42	% 61.	% 6.82	% 2.79	% 8.99
Cysticercosis: Carcases of which some part or organ was condemned	43	1	—	—	—
Carcases submitted to treatment by refri- geration	43	1	—	—	—
Generalised and totally condemned	1	—	—	—	—

Meat—Quantity Condemned, 1959

DETAILS	Weight			
	Tons	Cwts.	Qrs.	lbs.
Tuberculosis:				
Organs of cows		1	2	20
6 carcasses and all organs of cattle other than cows	1	12	2	19
Portions of carcasses of cattle other than cows		5	1	18
Organs of cattle other than cows	1	18	2	8
5 carcasses and all organs of pigs		7	1	23
Portions of carcasses of pigs		7	1	5
Organs of pigs		6	2	9
Diseases other than tuberculosis:				
2 carcasses and all organs of cows		6	3	9
Organs of cows		2	2	—
4 carcasses and all organs of cattle other than cows		18	—	6
Portions of carcasses of cattle other than cows		2	2	15
Organs of cattle other than cows	3	5	—	10
12 carcasses and all organs of calves		1	2	7
Organs of calves				10
16 carcasses and all organs of of pigs		16	—	13
Portions of carcasses of pigs		1	2	23
Organs of pigs		6	3	22
15 carcasses and all organs of sheep		9	—	2
Portions of carcasses of sheep		1	—	22
Organs of sheep		2	3	16
Total Weight	11	10	3	4

FACTORIES

As will be observed from the tabular statement below, practically all the factories in the area are operated by mechanical power, and inspections were concerned principally with the provision and maintenance of the sanitary accommodation. Conditions in general were found to be satisfactory, and in the few cases where contraventions of the Act were encountered these were chiefly of a minor character and no difficulty was experienced in bringing the premises up to the required standard.

1.—Inspections for purposes of provisions as to health :

Premises.	Number on Register	Inspections	Written Notices
(i) Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authorities	—	—	—
(ii) Factories not included in (i) to which Section 7 applies			
(a) Subject to the Local Authorities (Transfer of Enforcement) Order, 1938	—	11	2
(iii) Other premises in which Section 7 is enforced by the Local Authority (excluding out-workers' premises).	—	4	—
Total	—	15	2

2.—Cases in which Defects were found:

Particulars.	Number of Defects	
	Found	Remedied
Sanitary Conveniences (S.7) Unsuitable or defective ..	4	4

LIST OF FACTORIES ON REGISTER

Animal by-products	1	Metal polishing	1
Agricultural machine re- pairing	1	Mineral waters	2
Art silk winding	1	Packing	1
Bakers	15	Photography	4
Beer bottlers	2	Plumbing	2
Boot and shoe making	3	Potato crisp making	1
Boot and shoe repairers ...	6	Printing	8
Box making	4	Rag dealer	1
Brick making	5	Ribbon weaving and regalia	2
Electrical repairs	5	Sausage making	3
Elastic web making	1	Sawyers	4
Dressmaking	3	Scales repairing	1
Dairies	1	Sheep skin dressers	1
Coach building	1	Sheet metals	2
Chamois leather making ...	1	Silk weaving	1
Electricity undertaking ...	1	Soft furnishings	1
Engineering	21	Spice mixing	1
Flour milling	2	Stone masons	2
Gas undertaking	1	Tailors	6
General merchants	1	Tarmacadam	1
Gut scraping	1	Tennis ball making	1
Hosiery	10	Toolmaking	2
Hosiery repairs	1	Tyre assembly	1
Ice cream manufacture ...	1	Undertakers	1
Ice lolly manufacture	1	Upholsterers	3
Ironfounders	1	Upholstery springing	2
Joinery	7	Vehicle repairs	34
Knitwear	2	Wagon repairs	1
Laundries	2	Watch repairs	1
Light fittings	1	Welding	1
Metal foundry	1	Worsted spinning	1

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